

IN THE CLAIMS

Please make the following claim substitutions:

1 1. (Currently amended) A method for use in a mobile station, the
2 method comprising the steps of:

3 attaching the mobile station to a wireless data network; and
4 the mobile station performing variable quality of service negotiation
5 with the wireless data network, said negotiation including an indication for
6 requesting multiple possible traffic class preferences in a priority order, wherein if
7 resources are unavailable for granting a first traffic class preference, said
8 network checks if enough resources are available for a second traffic class
9 preference without requiring additional mobile station transmissions.

1 2. (Original) The method of claim 1 wherein the performing step includes
2 the steps of:

3 transmitting to the wireless data network a quality of service
4 information element comprising a downgradeable quality of service class field
5 that is indicative of requesting multiple traffic classes in a priority order.

1 3. (Original) The method of claim 1 wherein the performing step includes
2 the steps of:

3 transmitting to the wireless data network a quality of service
4 information element comprising an upgradeable quality of service class field that
5 is indicative of requesting a higher traffic class than an existing traffic class.

1 4. (Currently amended) The method of claim 1 wherein the performing
2 step includes the steps of:

3 transmitting to the wireless data network a quality of service
4 information element comprising at least one traffic class field for conveying
5 requests for either a single traffic class or multiple traffic classes in a priority
6 order.

1 5. (Currently amended) The method of claim 1 wherein the performing

2 step includes the step of using an activate packet data protocol (PDP) context
3 procedure that supports downgradeable QoS quality of service requirements.

1 6. (Currently amended) A method for use in a first packet server of a
2 wireless network, a packet server being any packet processor in said network,
3 the method comprising the steps of:

4 the first packet server exchanging messages with a second packet
5 server for the a purpose of providing at least one service to a mobile station,
6 wherein the exchanging step includes the step of

7 the first packet server transmitting to the second packet server a
8 message comprising a quality of service information element comprising a quality
9 of service class field that is indicative of requesting multiple traffic classes in the
10 message, and wherein if resources are unavailable for granting a first traffic class
11 preference, said network checks if enough resources are available for a second
12 traffic class preference without requiring additional transmissions.

1 7. (Currently amended) The method of claim 6 wherein the quality of
2 service class field is indicative of requesting a downgradeable quality of service
3 class field and the multiple traffic classes are requested in a priority order.

1 8. (Currently amended) The method of claim 6 wherein the quality of
2 service class field is indicative of requesting an upgradeable quality of service
3 class field.

1 9. (Currently amended) The method of claim 6 wherein the exchanging step
2 includes the step of using an activate packet data protocol (PDP) context procedure that
3 supports variable QoS quality of service requirements.

1 10. (Canceled)

1 11. (Canceled)

1 12. (Canceled)

1 13. (Canceled)

1 14. (Currently amended) A packet server comprising:
2 a transceiver for exchanging messages with a second packet server for the a
3 purpose of providing at least one service to a mobile station; and
4 a processor for causing to be transmitted to the second packet server a message
5 comprising a quality of service information element comprising at least one traffic class
6 field for conveying requests for ~~either a single traffic class or~~ multiple traffic classes in a
7 priority order, wherein if resources are unavailable for granting a first traffic class
8 preference in said request for multiple traffic classes, said network checks if enough
9 resources are available for a second traffic class preference without requiring additional
10 transmissions.

1 15. (Original) A transmission frame representing data embodied in a wireless
2 transmission signal, the transmission frame comprising:
3 a quality of service class field that is indicative of requesting multiple traffic
4 classes in a priority order; and
5 at least one traffic class field for conveying the priority order.